



Resource and Patient Management System (RPMS)

RPMS/JVN PACS GIS Interface Patch 3

User Manual Addendum

**GIS Version 3.01
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PREFACE

This document describes how to utilize the RPMS/JVN PACS GIS Interface, included in GIS Version 3.01, Patch 3. The document also describes the new functionality that the RPMS system gains with the RPMS/JVN PACS GIS Interface.

This document is an addendum to the GIS V 3.01 documentation.

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1.0 INTRODUCTION

1.1 Overview

The RPMS/JVN PACS Interface makes it possible to electronically transmit RPMS patient demographic and clinic appointment information to the Joslin Vision Network (JVN). This information is then merged with the scanned image taken during the screening process to deliver a more comprehensive packet to the Joslin Network for review.

1.2 New Functionality

This new software is used in conjunction with the JVN Imaging equipment to transmit each patient's demographic and appointment information to the JVN system. Two new menu options will be available after installation of the RPMS/JVN PACS GIS Interface. There are two methods, based on the configuration of your RPMS system, to use these options.

1.2.1 RPMS Scheduling Package

If your site has and uses the RPMS Scheduling module, you may use one menu option to enter and send individual patient information manually to the JVN system. This will primarily be used for walk-ins to the Retinal Imaging-JVN clinic. The second menu option will search through the next day's appointments within the RPMS Scheduling Module to find appointments scheduled for the Retinal Imaging-JVN clinic and transmit patient information to the JVN system. This option will be queued to run as a nightly job in TaskMan by your site's Information Resource Manager (IRM) and will not be used manually.

1.2.2 Non-RPMS Scheduling

If your site does not have or does not use the RPMS Scheduling module, you will use the manual menu option to enter and send individual patient information to the JVN system. This will have to be used for each patient seen by the Retinal Imaging-JVN clinic. For example, the menu option will have to be used to send each patient's information to the JVN database prior to each patient's screening.

2.0 RPMS/JVN PACS GIS Interface Menu Options

2.1 Overview

Two new menu options will be available after installation of the RPMS/JVN PACS GIS Interface. These menu options are used to transmit patient information to the JVN system. It is important that the information of each patient seen or to be seen by the Retinal Imaging-JVN Clinic be sent to the JVN system prior to the imaging equipment's is used for his/her screening. The two menu options (described below) address walk-in appointments and the pre-transmission of next day's appointments.

The new options will trigger the creation of RPMS/JVN PACS GIS Interface messages and their transmission to Cloverleaf and the Joslin Vision Network.

2.2 BHL JVN ENTER/SEND APPT INFO

This option allows manual data entry of appointment information to be sent to the Joslin Vision Network via an O01 HL7 message.

The BHL JVN ENTER/SEND APPT INFO option can be used to manually send the Retinal Imaging-JVN clinic appointment information to the JVN system. When you are using this option, you will be asked a series of questions. Once you have entered all the information, the option will display the information entered and ask if you would like to send the data to the JVN system. If you answer yes, the data will be transmitted to the system called the DICOM broker, which will attach or merge this information to the associated image as it gets scanned and processed.

The following displays an example of the RPMS menu option and data entry of a walk-in appointment into the Retinal Imaging-JVN clinic. Type the up-hat (^) at anytime prior to the transmission question to quit out of the data entry sequence without transmission of the data entry information. Once you have answered yes at the "Transmit information to Joslin Vision Network NOW?" prompt, the appointment and patient information will be transmitted to the Joslin Vision Network.

Select OPTION NAME: BHL JVN ENTER/SEND APPT INFO Enter/Send Appt Info t
 o Joslin Vision Network
 Enter/Send Appt Info to Joslin Vision Network

Select PATIENT NAME: ADE ← Select a patient or type '??' to see entire list

1	ADEEKYA, AUBREY	M 04-14-1998	649876241	DC 35179
2	ADEEKYA, VERMUND HOBSON	M 01-17-1976	585290791	DC 35102

CHOOSE 1-2: 1
 ADEEKYA, AUBREY M 04-14-1998 649876241 DC 35179

Select CLINIC: JVN Retinal Imaging-JVN ← Select the JVN clinic

The following patient has been selected:
 Name: ADEEKYA, AUBREY
 DOB: 2980414
 SSN: 649876241
 HRN: 35179
 Scheduled Date/Time: Feb 15, 2002@15:48:16
 Location: Retinal Imaging-JVN

Transmit information to Joslin Vision Network NOW? No// YES ← Type Y

Select PATIENT NAME: ← You may select another patient or press the Return key to quit

2.3 BHL JVN NIGHT JOB

This option should be scheduled to run on a nightly basis to transmit O01 HL7 messages to the Joslin Vision Network via GIS and Cloverleaf.

Note: This menu option should NOT be used manually, instead should be queued to run by TaskMan.

The BHL JVN NIGHT JOB option should be scheduled to run on a nightly basis through TaskMan. Your site's IRM will have to schedule this option in TaskMan to run as a nightly background job. This option will pre-transmit the next day's Retinal Imaging-JVN clinic appointments to the JVN system. This pre-transmit will pre-populate the patient demographics and appointment information into the JVN prior to the actual scanning of the images. See your IRM for the TaskMan schedule details for this option.

3.0 Contact Information

If you have any questions or comments regarding this distribution, please contact the ITSC Support Desk by:

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Fax: (505) 248-4199

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